

# Abhijeet Dhiman

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11436920/publications.pdf>

Version: 2024-02-01

14  
papers

795  
citations

840776

11  
h-index

1199594

12  
g-index

14  
all docs

14  
docs citations

14  
times ranked

998  
citing authors

#	ARTICLE	IF	CITATIONS
1	Aptamer-based point-of-care diagnostic platforms. <i>Sensors and Actuators B: Chemical</i> , 2017, 246, 535-553.	7.8	167
2	Aptamer-mediated colorimetric and electrochemical detection of <i>Pseudomonas aeruginosa</i> utilizing peroxidase-mimic activity of gold NanoZyme. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 1229-1238.	3.7	162
3	ABCs of DNA aptamer and related assay development. <i>Biotechnology Advances</i> , 2017, 35, 275-301.	11.7	143
4	Simple Methods and Rational Design for Enhancing Aptamer Sensitivity and Specificity. <i>Frontiers in Molecular Biosciences</i> , 2018, 5, 41.	3.5	105
5	Aptamer-Based TB Antigen Tests for the Rapid Diagnosis of Pulmonary Tuberculosis: Potential Utility in Screening for Tuberculosis. <i>ACS Infectious Diseases</i> , 2018, 4, 1718-1726.	3.8	51
6	Generation and application of DNA aptamers against HspX for accurate diagnosis of tuberculous meningitis. <i>Tuberculosis</i> , 2018, 112, 27-36.	1.9	34
7	A novel aptamer-based test for the rapid and accurate diagnosis of pleural tuberculosis. <i>Analytical Biochemistry</i> , 2019, 564-565, 80-87.	2.4	32
8	Rational truncation of aptamer for cross-species application to detect krait envenomation. <i>Scientific Reports</i> , 2018, 8, 17795.	3.3	31
9	&lt;p&gt;Structural switching electrochemical DNA aptasensor for the rapid diagnosis of tuberculous meningitis&lt;/p&gt;. <i>International Journal of Nanomedicine</i> , 2019, Volume 14, 2103-2113.	6.7	24
10	Theranostic Application of a Novel G-Quadruplex-Forming DNA Aptamer Targeting Malate Synthase of <i>Mycobacterium tuberculosis</i> . <i>Molecular Therapy - Nucleic Acids</i> , 2019, 18, 661-672.	5.1	19
11	Complex target SELEX-based identification of DNA aptamers against <i>Bungarus caeruleus</i> venom for the detection of envenomation using a paper-based device. <i>Biosensors and Bioelectronics</i> , 2021, 193, 113523.	10.1	15
12	Aptamer Technology for the Detection of Foodborne Pathogens and Toxins. , 2019, , 45-69.		6
13	Aptamer-Mediated Nanobiosensing for Health Monitoring. , 2019, , 227-248.		4
14	Assessment of DNA aptamers targeting GlcB and HspX antigens for application in the diagnosis of abdominal tuberculosis. <i>Tuberculosis</i> , 2022, 134, 102206.	1.9	2